# Electronic Filing System (EFS) Data Electronic Patent Application Submission USPTO Use Only

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18596

Application ID:

10065331

Title of Invention:

METHOD AND SYSTEM FOR DETECTING PRECURSORS TO

COMPRESSOR STALL AND SURGE

First Named Inventor:

Pierino Bonanni

Domestic/Foreign Application:

**Domestic Application** 

**Utility Patent Filing** 

Filing Date:

null

Effective Receipt Date:

2002-10-04

Submission Type:

new-utility

Filing Type:
Confirmation Number:

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Attorney Docket Number:

121601-1

Digital Certificate Holder:

cn=Leonard E Heyman, ou=Registered Attorneys, ou=Patent and

Trademark Office, ou=Department of Commerce, o=U.S.

Government, c=US

Certificate Message Digest:

t52tA9rmyrECY9DqYPHy6w==

Total Fees Authorized:

\$1080.0

Payment Category:

DA – Deposit Account

Deposit Account Number:

61130

Deposit Account Name:

Leonard E. Heyman

# TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket

121601-

Number:

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Submission Type: Utility Patent

Filing

# METHOD AND SYSTEM FOR DETECTING PRECURSORS TO COMPRESSOR STALL AND SURGE

First Named Inventor: Pierino Bonanni

SUBMITTED BY

Name:

Leonard E. Heyman

Registration Number:

40,418

Electronic Signature Mark: LEH

Date Signed: 20021004

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration

Declaration\_p1.tif

declaration

Declaration\_p2.tif

declaration

Declaration\_p3.tif

declaration

declaration

declaration

bibd-transmittal

patent-assignments

fee-transmittal

us-information-disclosure-statement

specification

Attached Image File(s):

Declaration\_p1.tif

Declaration\_p2.tif

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Declaration\_p4.tif

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1216011Application.xml

Comments:

l

Docket No. 121601-1

### COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## METHOD AND SYSTEM FOR DETECTING PRECURSORS TO COMPRESSOR STALL AND SURGE

I the specification of which is attached hereto OR	
was filed on as Application Serial No.	
or PCT International Application Number	and was amended on
(if applicable)	

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY		DATE OF FILING	PRIORITY CLAIMED	CERTIFIED COPY	
	NUMBER	(day, month, year)		ATTACHED	
				Yes No	
				Yes No	
				Yes No	

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION	PARENT FILING DATE	STATUS
OR PCT PARENT NUMBER	(day, month, year)	(patent and number,
		pending, abandoned)

Docket No. 121601-1

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint Practitioners at Customer Number 23413; Christian G. Cabou (Reg. No. 35,467, Jill M. Breedlove (Reg. No. 32,684), Donald S. Ingraham (Reg. No. 33,714), Noreen C. Johnson (Reg. No. 38,929), Patrick K. Patnode (Reg. No. 40,121) all of General Electric Company, One Research Circle, Bldg. K-1, Niskayuna, NY 12309; Ronald E. Myrick (Reg. No. 26,315), Henry J. Policinski, (Reg. No. 26, 621); Scott R. Hayden, (Reg. No. 41,821) and Catherine Winter, (Reg. No. 38,364) all of General Electric Company, 3135 Easton Turnpike, Fairfield, CT 06431-0001, jointly, and each of them severally, my/our attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to <u>Customer No. 23413</u>, <u>Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002</u>, <u>Telephone No. (860) 286-2929</u>.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's signa	ture: Flliw BBNUMBY	Date: 9/27/02
Residence:	19 Coventry Drive, Clifton Park, NY 12065	
Citizenship:	USA	
Post Office Add	ress: Same as Residence	
Full name of sec	cond joint inventor: Narayanan Venkateswaran	1
Inventor's signar	ture:	Date:
Residence:	421A, 1 Cross, Church Road, New Thippasa	ndra, Bangalore, India 560 075
Citizenship:	INDIA	
Post Office Add	ress: Same as Residence	

Full name of sole or first joint inventor: Pierino Bonanni

Docket No. 121601-1

Full name of	third joint inventor: Sanjay Bharadwaj	
Inventor's sig	gnature:	Date:
Residence:	FO2 Palm Springs, 7th C Cross Road, 16th Main Road Bangalore, India 560 034	d. 4th B Block - Koramangala,
Citizenship:	INDIA	
Post Office A	Address: Same as Residence	

Docket No. 121601-1

#### COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

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My residence, post office address and citizenship are as stated below next to my name.

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### METHOD AND SYSTEM FOR DETECTING PRECURSORS TO COMPRESSOR STALL AND SURGE

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COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED		RTIFI		СОРУ
					Yes		No
				To	Yes	0	No
<u> </u>				To	Yes	o	No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

1

Docket No. 121601-1

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

As a named inventor, I hereby appoint Practitioners at Customer Number 23413; Christian G. Cabou (Rag. No. 35,467, Jill M. Breedlove (Reg. No. 32,684), Donald S. Ingraham (Reg. No. 33,714), Noreen C. Johnson (Reg. No. 38,929), Patrick K. Patnode (Reg. No. 40,121) all of General Electric Company, One Research Circle, Bldg. K-1, Niskayuna, NY 12309; Ronald E. Myrick (Reg. No. 26,315), Heary J. Policinski, (Reg. No. 26, 621); Scott R. Hayden, (Reg. No. 41,821) and Catherine Winter, (Reg. No. 38,364) all of General Electric Company, 3135 Easton Turnpike, Fairfield. CT 06431-0001, jointly, and each of them severally, my/our attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willfull false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor: Pierino Bonanni

Inventor's signat	ure:	Date:
Residence:	19 Coventry Drive, Clifton Park, NY 12065	
Citizenship:	USA	
Post Office Adds	cts: Same as Residence	
Full name of sec	and joint inventor: Narayanan Venkateswaran	
Inventor's signate	me: Dinzag	Date: <u>©(. 0&lt;7. 2002</u>
Residence:	421A. 1 Cross, Church Road, New Thippasandra,	Bangalore, India 560 075
Citizenship:	INDIA	
Post Office Addr	ess: Same as Residence	

Docket No. 121601-1

Full name of third joint inventor: Sanjay Bharadwaj
Inventor's signature: B KMM Date: 1 0CT 2007  Residence: PO2 Palm Springs, 7th C Cross Road, 16th Main Road, 4th B Block - Koramangala Bangalore, India 560 034
Citizenship: INDIA
Post Office Address: Same as Residence

### **FEE TRANSMITTAL**

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1080** 

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number:

06-1130

Deposit Account Name:

Cantor Colburn LLP

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

**Authorized Name:** 

Leonard E. Heyman

Electronic Signature Mark:

LEH

Date Signed:

20021004

#### **BASIC FILING FEE**

Fee Description	Fee Code	Fee Paid	
Utility Filing Fee	101	\$ 740	

Subtotal For Basic Filing Fee: \$ 740

#### **EXTRA CLAIM FEES**

	Fee Code	Fee	Extra Claims	Fee Paid	
Total Claims: 32	103	\$ 18	12	\$ 216	
Independent Claims: 4	102	\$ 84	1	\$ 84	

Subtotal For Extra Claims Fees: \$ 300

#### **ADDITIONAL FEES**

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40